Special Issue
Advances in Railway Electrification: Technologies, Systems, and Future Trends

Message from the Guest Editor

This Special Issue aims to address the main challenges associated with railway electrification, including the design of innovative and energy-efficient vehicles; the testing and operation of energy storage systems for rail applications; the development of advanced locomotive solutions for heavy-duty services; the evaluation of new electrification paradigms and operational strategies, particularly for low-traffic lines (e.g., last-mile solutions and partial electrification); the growth of freight services driven by “shift-to-rail” policies; and the required interaction between public power systems and railway power networks.

Guest Editor

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Message from the Editor-in-Chief

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Editor-in-Chief

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